

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/053440

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G09G3/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G09G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 559 816 B1 (KOO BON CHEOL ET AL) 6 May 2003 (2003-05-06) column 5, line 63 – column 6, line 2; figures 5,8,25,26 column 6, line 50 – line 53 column 7, line 12 – line 15 -----	1,16
A	US 6 104 362 A (KURIYAMA ET AL) 15 August 2000 (2000-08-15) column 5, line 61 – line 62; figure 25 column 9, line 1 – line 5; figure 10 column 8, line 52 – line 67; figure 5 column 22, line 45 – line 64 column 23, line 34 – line 62; figure 26 column 24, line 25 – line 42 -----	7,22



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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Date of the actual completion of the international search

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Gundlach, H

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 841 652 A (FUJITSU LIMITED) 13 May 1998 (1998-05-13) Column 6, line 16 – line 23 Column 9, line 1 – line 5; figure 10 -----	14
A	EP 0 653 740 A (FUJITSU LIMITED) 17 May 1995 (1995-05-17) figures 8-10 -----	7,22
A	EP 1 345 199 A (FUJITSU HITACHI PLASMA DISPLAY LIMITED) 17 September 2003 (2003-09-17) figure 1 -----	7,22
A	US 5 343 215 A (TANAKA ET AL) 30 August 1994 (1994-08-30) figure 4 -----	7,22

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/053440

Patent document cited in search report	Publication date	Patent family member(s)			Publication date
US 6559816	B1	06-05-2003	KR	2001009090 A	05-02-2001
			KR	2001009160 A	05-02-2001
			KR	2001029072 A	06-04-2001
			JP	2001083929 A	30-03-2001
US 6104362	A	15-08-2000	JP	3611377 B2	19-01-2005
			JP	9068945 A	11-03-1997
			JP	3112820 B2	27-11-2000
			JP	9185343 A	15-07-1997
			FR	2738377 A1	07-03-1997
			US	6100859 A	08-08-2000
EP 0841652	A	13-05-1998	JP	2900997 B2	02-06-1999
			JP	10187084 A	14-07-1998
			EP	0841652 A1	13-05-1998
			US	6278421 B1	21-08-2001
EP 0653740	A	17-05-1995	JP	2856241 B2	10-02-1999
			JP	7140928 A	02-06-1995
			DE	69424122 D1	31-05-2000
			DE	69424122 T2	01-02-2001
			DE	69431681 D1	12-12-2002
			DE	69431681 T2	13-03-2003
			EP	0653740 A2	17-05-1995
			EP	0887785 A2	30-12-1998
			KR	9700911 B1	21-01-1997
			US	5943032 A	24-08-1999
EP 1345199	A	17-09-2003	JP	2003337568 A	28-11-2003
			CN	1444198 A	24-09-2003
			EP	1345199 A2	17-09-2003
			TW	577039 B	21-02-2004
			US	2003173903 A1	18-09-2003
US 5343215	A	30-08-1994	JP	5035205 A	12-02-1993